



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 REGION 10 HANFORD/INL PROJECT OFFICE  
 309 Bradley Boulevard, Suite 115  
 Richland, Washington 99352

January 4, 2007

Paul Pak, Federal Project Director  
 K Basins Closure Project  
 U.S. Department of Energy  
 Richland Operations Office  
 PO Box 550  
 Richland, Washington 99352

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EDMC

Subject: EPA Approval of RDRA Documents for K Basins Sludge

Dear Mr. Pak:

*Paul*

The U.S. Environmental Protection Agency (EPA) has received DOE letter 07-KBC-0013 which transmitted two documents to EPA for approval. Those documents are: "Remedial Design Report and Remedial Action Work Plan for the K Basins Interim Remedial Action: Sludge Treatment and Interim Storage," DOE/RL-2006-06 Revision 0, Draft, Dated November 2006, and "Remedial Design Report and Remedial Action Work Plan for the K Basins Interim Remedial Action: Sludge Treatment and Interim Storage, Phase 3: Sludge Assay and Solidification," DOE/RL-2006-06 Revision 0, Draft, Dated November 2006.

The EPA has reviewed and approves these two documents. EPA understands that since those documents were written the final Waste Isolation Pilot Plant permit (NM4890139088-TSDF) was issued on October 16, 2006. We know that the DOE is reviewing the impacts of that final permit to this and other Hanford projects. EPA has been told that preliminary assessment of the permit indicates that no design or equipment changes for the sludge treatment system will be needed, but some operational parameters (in particular the amount of sludge that can be loaded into each drum) may change. Since the design addressed in these two K Basins documents appears to remain valid in light of this new permit, the EPA approves these two documents. If further analysis of the permit conditions or other information prompts the design to change from that described in these documents, those design changes should be provided to EPA.

Thank you and your contractors for providing an early version of this document to EPA for an informal review. If you have any questions, please contact me at 509-376-9884.

Sincerely,

*Larry Gadbois*

Larry Gadbois  
 K Basins Project Manager

cc: Administrative Record, 100-KR-2

*H-0-10*